

XP-002212232**AN - 1997-243656 [22]****AP - SU19884422747 19880510****CPY - SOLI-R****DC - M25 M26****FS - CPI****IC - C22B34/14****IN - CHLIB A V; DETKOV P G; PUTIN A A****MC - M25-G24 M26-A****PA - (SOLI-R) SOLIKAMSK MAGNESIUM WKS****PN - SU1582683 A1 19960910 DW199722 C22B34/14 003pp****PR - SU19884422747 19880510****XA - C1997-078847****XIC - C22B-034/14**

AB - SU1582683 The method is based on preparation of mixture of titanium tetrachloride and chlorides of alloying elements, bringing said mixture to boiling point, reduction of mixture of chlorides with magnesium, and vacuum separation of reaction mass. To increase homogeneity of produced titanium alloy, the mixt. of titanium tetrachloride and chlorides of alloying elements is brought to boiling point under pressure 0.1-2.0 MPa.

- **USE** - In non-ferrous metallurgy, especially in magnesio-thermal production of sponge titanium alloys.

- **ADVANTAGE** - The method improves homogeneity of produced titanium alloys.

- (Dwg.0/0)

IW - PRODUCE TITANIUM@ ALLOY MIXTURE TITANIUM TETRA CHLORIDE CHLORIDE ALLOY ELEMENT BOILING POINT SPECIFIED PRESSURE CONDITION

IKW - PRODUCE TITANIUM@ ALLOY MIXTURE TITANIUM TETRA CHLORIDE CHLORIDE ALLOY ELEMENT BOILING POINT SPECIFIED PRESSURE CONDITION

INW - CHLIB A V; DETKOV P G; PUTIN A A

NC - 001

OPD - 1988-05-10

ORD - 1996-09-10

PAW - (SOLI-R) SOLIKAMSK MAGNESIUM WKS

TI - Production of titanium@ alloys - involves bringing mixt. of titanium tetra:chloride and chloride(s) of alloying elements to boiling point under specified pressure conditions